

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1020	(29/743).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/07 09:00
L2	2376	(29/739).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/07 09:01
L3	3099	(29/832).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/07 09:01
L4	361	(29/742).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/07 09:01
L5	1588	(29/740).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/07 09:01
L7	3061	"483"/\$.ocls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 09:03
L8	47	7 and ((nozzle or suck\$4 or suction\$4 or vacuum\$4 or vacuum\$4) near3 (stock\$4 or replac\$5 or exchang\$5 or interchang\$5 or chang\$5)).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 09:05
L9	9	("4611397"   "5201696"   "5570993"   "5807221"   "5833591"   "5839187"   "5908282"   "5996203").PN. OR ("6334840").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:09
L10	11	("4790069"   "5003692"   "5018266"   "5105528"   "5331831"   "5619328"   "5741114"   "5749142").PN. OR ("5996203").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:09
L11	4	("5207467"   "5636435"   "5833591"   "5996203").PN. OR ("6735856").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:11
L12	5	("5018266").PN. OR ("5833591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:15

L13	7	("4914809"   "4984354"   "5201696"   "5253414"   "5377405"   "5833591"   "6606785").PN. OR ("6935019").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:16
L14	10	("4914809"   "4984354"   "5201696"   "5253414"   "5377405").PN. OR ("6606785").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:23
L15	6	("5588195"   "6044169"   "6606785").PN. OR ("6860002").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:24
L16	19	("5724722"   "5761798"   "5778525"   "5855059"   "6073342"   "6154954"   "6378198"   "6550133"   "6568069"   "6588096"   "6643917"   "6729017"   "6860002"   "6874225"   "6892446"   "6918176"   "7003872"   "7021357"   "7120996").PN. OR ("7200922").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:25
L17	4	("5761798"   "5778525"   "5855059").PN. OR ("6918176").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:36
L18	6	("5323528"   "5566447"   "5699448"   "5778525").PN. OR ("6588096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:39
L19	18	("4868973"   "5033185"   "5153983"   "5233745"   "5265330"   "5402564"   "5544411"   "5566447").PN. OR ("6154954").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:44
L20	3	("4624050"   "6154954"   "6439631").PN. OR ("6688833").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:46
L21	12	("4624050"   "4770599"   "4831721"   "4917568"   "5667129"   "5688214"   "6088911"   "6154954").PN. OR ("6466837").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:48
L22	14	("4145802"   "4486928"   "4611397").PN. OR ("4831721").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:51
L23	31	("3074147"   "3191260"   "3203017"   "3780406"   "3999769"   "4103405"   "4204303"   "4419797"   "4561415"   "4563800"   "4620347"   "4649610"   "4741078"   "4831721").PN. OR ("5105528").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:52

L24	15	("5724722"   "5761798"   "5778525"   "5855059"   "6073342"   "6154954"   "6378198"   "6550133"   "6568069"   "6588096"   "6643917"   "6729017"   "6860002"   "6874225"   "6892446").PN. OR ("7036213").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:56
L25	5	("4787137"   "4858308").PN. OR ("5253414").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 09:59
L26	20	("3467430"   "4611397"   "4763941"   "4799854"   "4831721"   "5033783"   "5105528"   "5113578").PN. OR ("5201696").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 10:00
L27	3	("5807221").URPN.	USPAT	OR	ON	2008/02/07 10:03
L28	172	8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:06
L29	21002	((29/829-853) or (29/739- 743)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/07 10:07
L30	12	29 and 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:08
L31	5	30 not 28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:08
L32	177	30 or 28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:09
L33	6969	1 or 2 or 3 or 4 or 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:09
L34	362	33 and ((nozzle or suck\$4 or suction\$4 or vacuum\$4 or vaccuum\$4) near3 (stock\$4 or replac\$5 or exchange\$5 or interchang\$5 or chang\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:09

L35	325	34 not 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:10
L36	502	34 or 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:40
L37	71286	((nozzle or suck\$4 or suction \$4 or vacuum\$4 or vacuum \$4) near3 (stock\$4 or replac \$5 or exchang\$5 or interchang\$5 or chang\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:41
L38	974	37 with (convey\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:42
L39	78	38 with (circuit or PCB or substrate or board or chip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:42
L40	72	39 not 36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:43
L41	2	("20060111222").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/07 10:44
L42	574	39 or 36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/07 10:48
S1	2	jp-08078882-\$.dld.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 08:42
S2	2	("5692292").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/06 08:43
S3	2	jp-04123493-\$.dld.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 08:43

S4	2	jp-07045995-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 10:06
S5	2	jp-08046392-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 11:06
S6	2	JP-06342998-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 11:09
S7	2	jp-11220294-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 11:12
S8	1	1999-432049.NRAIN.	DERWENT	OR	ON	2008/02/06 11:12
S9	2	jp-06291490-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 11:13
S10	2	("6334840").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/06 11:18
S11	2	jp-11138367-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 13:09
S12	2	jp-11170121-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 13:11
S13	2	jp-06045794-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 13:13
S14	2	jp-2000124690-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 13:17

S15	18	Yasui-Yoshihiro\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 13:26
S16	0	("2006/0111222").URPN.	USPAT	OR	ON	2008/02/06 13:27
S17	2	jp-2006040968-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 13:28
S18	2	jp-2004172500-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 13:29
S19	4	((("6334840") or ("5692292")) .PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/06 13:30
S20	9	("4611397"   "5201696"   "5570993"   "5807221"   "5833591"   "5839187"   "5908282"   "5996203").PN. OR ("6334840").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/06 13:30
S21	2	jp-2001191288-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 13:31
S22	8	("4739145"   "4996762"   "5454775"   "5993364"   "6334840"   "6466837"   "6594887"   "6773381").PN. OR ("7306551").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/06 13:33
S23	12	("4624050"   "4770599"   "4831721"   "4917568"   "5667129"   "5688214"   "6088911"   "6154954").PN. OR ("6466837").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/06 13:41
S24	18	("4868973"   "5033185"   "5153983"   "5233745"   "5265330"   "5402564"   "5544411"   "5566447").PN. OR ("6154954").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/06 13:53

S25	19	("5724722"   "5761798"   "5778525"   "5855059"   "6073342"   "6154954"   "6378198"   "6550133"   "6568069"   "6588096"   "6643917"   "6729017"   "6860002"   "6874225"   "6892446"   "6918176"   "7003872"   "7021357"   "7120996").PN. OR ("7200922").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/06 13:55
S26	2	("7285883").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/06 14:34
S27	0	Masahide-Koyama\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 14:58
S28	2	jp-04123493-\$.dld.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 14:59
S29	91	Koyama-Masahide\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 14:59

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